

STEREO MOC Status Report
Time Period: 2011:143 - 2011:149

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 144, during the DSS 55 support, turbo decoder lock was lost briefly at 0457z. This resulted in the loss of 34 frames of instrument SSR data. See DR# N107355 for more information.
 - On day 144, during the DSS 24 support, turbo decoder lock was lost briefly at 1923z. This resulted in the loss of one frame of instrument SSR data. See DR# N107361 for more information.
 - On day 147, during the DSS 26 support, initial telemetry acquisition was delayed 103 minutes due to a power outage at Goldstone. After electrical power was restored, telemetry lock was established at 1703z. The SSR playback was stopped and SSR pointers were repositioned. All SSR data was recovered. See DR# G111614 for more information.
2. The following spacecraft/instrument events occurred during this week:
 - The average daily SSR playback volume for Ahead was 5.9 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 143, during the DSS 65 support, turbo decoder lock was lost intermittently beginning at 1743z, 1858z, and 1915z. This resulted in the loss of several minutes of instrument SSR data. See DR# N107359 and N107363 for more information.
 - On day 144, during the DSS 55 support, turbo decoder lock was lost briefly at 1918z. This resulted in the loss of

one frame of instrument SSR data. See DR# N107360 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 144, downlink for the BEHIND observatory was configured to 360 kbps, for a duration of three hours, for testing the turbo rate $\frac{1}{4}$ decoding capability of the ESA New Norcia station in support of the future NASA/ESA ExoMars mission.
- The average daily SSR playback volume for Behind was 5.5 Gbits during this week.